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Substitute for form 1449/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Application Number	10/685,410	
			Filing Date	October 16, 2003	
			First Named Inventor	Jayadev Billa	
			Art Unit	2626	
			Examiner Name	A. K. Azad	
Sheet	1	of	2	Attorney Docket Number	BBNT-P01-016

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<div style="text-align: center;">↓</div>	/AA/	AX2	2003/0088414	Huang et al.	
		AY2	5,613,032	Cruz et al.	
		AZ2	5,614,940	Cobbley et al.	
		AA3	6,253,179	Beigi et al.	
		AB3	6,345,252	Beigi et al.	
		AC3	6,360,234	Jain et al.	
		AD3	6,463,444	Jain et al.	
		AE3	6,567,980	Jain et al.	
		AF3	6,611,803	Furuyama et al.	
		AG3	6,624,826	Balabanovic	
		AH3	6,728,673	Furuyama et al.	
		AI3	6,748,350	Rumer et al.	
		AJ3	6,877,134	Fuller et al.	
		AK3	7,146,317	Bartosik et al.	
	/AA/	AL3	7,171,360	Huang et al.	

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Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
<div style="text-align: center;">↓</div>	/AA/	CH	Ahangar et al., "A Survey of Technologies for Parsing and Indexing Digital Video" Multimedia Communication Laboratory, Department of Electrical, Computer and Systems Engineering, Boston, MA, 1995.	
		CI	Change et al., "Columbia's VoD and Multimedia Research Testbed With Heterogeneous Network Support" Journal on Multimedia Tools and Applications, Special Issue on Video on Demand, Kluwer Academic Publishers, 1997, pg 1-10.	
		CJ	"Informedia: Integrated Speech, Image, and Language Understanding for the Creation and Exploration of Digital Video Libraries", Carnegie Mellon University Informedia Digital Video Library, NSF Cooperative Agreement IRI 9411299, Quarterly Report, August 1996, Howard D. Wactlar, Project Director, http://www.informedia.cs.cmu.edu/dli1/reports/Quarterly7_Aug1996.html as accessed on 6/22/2006.	
	/AA/	CK	Wactlar et al., "Informedia™: News-on-Demand Experiments in Speech Recognition", School of Computer Science, Carnegie Mellon University, Pittsburgh, PA 15213-3890, 1996.	
Examiner Signature	/Abul Azad/		Date Considered	09/04/2007

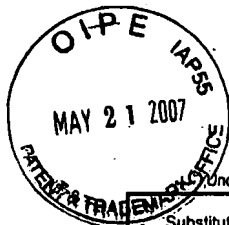
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/AA/	CL	Gauch et al., "Real Time Video Analysis for Automatic Archive Creation" Electrical Engineering and Computer Science, The University of Kansas, pgs 1-18, 1998.	
	CM	Nakamura et al., "Semantic Analysis for Video Contents Extraction-Spotting by Association in News Video", Institute of Information Sciences and Electronics, University of Tsukuba, Japan, 1997.	
	CN	Van Thong et al., "SPEECHBOT: An Experimental Speech-Based Search Engine for Multimedia Content in the Web", Compaq, Cambridge Research Laboratory, Technical Report Series CRL 2001/06, July 2001.	
	CO	Christel et al., "Techniques for the Creation and Exploration of Digital Video Libraries", Multimedia Tools and Applications, 1996.	
	CP	Hauptman et al., "Text, Speech, and Vision for Video Segmentation: The Informedia™ Project" School of Computer Science, Carnegie Mellon University, 1995.	
	CQ	Disz et al., "The Argonne Voyager Multimedia Server, Mathematics and Computer Science Division" Argonne National Laboratory, Argonne, IL, 1997.	
	CR	The Informedia Digital Video Library: Integrated Speech, Image, and Language Understanding for the Creation and Exploration of Digital Video Libraries, Proposal responding to Announcement NSF 93-141 Research on Digital Libraries Copyright (c) 1994, pgs. 1-48, http://www.informedia.cs.cmu.edu/dli1/reports/dli1Proposal.html accessed on 6/22/06.	
↓	CS	Hampapur et al., "Virage Video Engine", Virage Inc., 1997.	
/AA/	CT	Li et al., "VISION: A Digital Video Library," Dept. of Electrical Engineering and Computer Science, The University of Kansas, pgs. 19-27, 1996.	

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		Number-Kind Code ² (if known)			
/AA/	AS2	US-6,317,716	11-13-2001	Braida et al.	
	AT2	US-6,931,376-A1	08-16-2005	Lipe et al.	
↓	AU2	US-2002/0,010,575	01-24-2002	Haase et al.	
	AV2	US-6,185,531	02-06-2001	Schwartz et al.	
/AA/	AW2	US-6,434,520	08-13-2002	Kanevsky et al.	

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/AA/	CF	Beigi et al., "A Distance Measure Between Collections of Distributions and its Applications to Speaker Recognition" IEEE International Conference on Acoustics, Speech and Signal Processing, ICASSP'89, 12-15 May 1998, Volume 2, pages 753-756		
/AA/	CG	Ferret et al., "A Thematic Segmentation Procedure for Extracting Semantic Domains from Texts"		

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		Art Unit	2121		
		Examiner Name	Not Yet Assigned		
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/AA/	AC2	US-6,024,571	02-15-2000	Renegar	
	AD2	US-6,714,911 B2	06-30-2004	Waryas et al	
	AE2	US-6,999,918 B2	02-14-2006	Ma et al	
	AF2	US-5,418,716	05-23-1995	Suematsu	
	AG2	US-6,067,514	05-23-2000	Chen	
	AH2	US-6,718,303 B2	04-06-2004	Tang et al	
	AI2	US-6,778,958	08-17-2004	Nishimura et al	
	AJ2	US-7,131,117 B2	10-31-2006	Mills et al	
	AK2	US-5,960,447	09-28-1999	Holt et al	
	AL2	US-6,067,517	05-23-2000	Bahl et al	
	AM2	US-6,161,087	12-12-2000	Wightman et al	
	AN2	US-6,332,147 B1	12-18-2001	Moran et al	
	AO2	US-6,360,237 B1	03-19-2002	Schulz et al	
	AP2	US-6,792,409 B2	09-14-2004	Wutte	
	AQ2	US-6,708,148 B2	03-16-2004	Gschwendtner et al	
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/AA/	BK	EP-1 422 692 A2	05-26-2004	Divay et al	
/AA/	BL	JP-361285570A	12-16-1986	Oshima et al	

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/AA/	CA	Cutting, et al "A Practical Part-of-Speech Tagger," Proceedings of the 3rd Conference on Applied Natural Language Processing, ACL 1992, pgs 133-140		
	CB	Beeferman et al, "Cyberpunc: A Lightweight Punctuation Annotation System for Speech," Proceedings of the 1999 IEEE Conference on Acoustics, Speech and Signal Processing, ICASSP'98 12-15 May 1999, 2:689-692		
	CC	Shriberg et al, "Can Prosody Aid the Automatic Processing of Multi-Party Meetings? Evidence from Predicting Punctuation, Disfluencies, and Overlapping Speech," Proceedings of the ISCA Tutorial and Research Workshop on Prosody in Speech Recognition and Understanding, October 2001, pgs 139-140		
/AA/	CD	Guavain et al, "Transcribing Broadcast News Shows," IEEE International Conference on Acoustics, Speech and Signal Processing, ICASSP'97, 2:21-24, April 1997, pg 715-718		

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				Art Unit	2121
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Sheet	2	of	2	Attorney Docket Number	BBNT-P01-016

/AA/	CE	Waibel et al, "Meeting Browser: Tracking and Summarizing Meetings," Proceedings of DARPA Broadcast News Workshop, 1998	
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/AA/	AA2	US-2004/0024739	02-25-2004	Copperman et al.	
/AA/	AB2	US-2006/0129541	06-15-2006	Morgan et al.	

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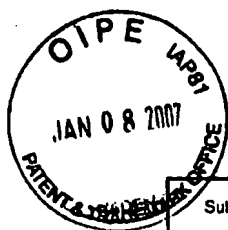
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/AA/	AA*	US-20010026377-A1	10-04-2001	Ikegami	
	AB*	US-20010051984-A1	05-20-2003	FUKASAWA	
	AC*	US-20020010916-A1	12-03-2002	Thong et al.	
	AD*	US-20020059204-A1	05-16-2002	Harris	
	AE*	US-20020184373-A1	12-05-2002	Maes	
	AF*	US-20030051214	03-13-2003	Graham et al	
	AG*	US-20030093580-A1	05-15-2003	McGee et al.	
	AH*	US-20030167163-A1	09-04-2003	Glover et al.	
	AI*	US-20040073444-A1	04-15-2004	Peh et al.	
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	AP*	US-5,572,728	11-05-1996	Tada et al	
	AQ*	US-5,684,924	11-04-1997	Stanley et al	
	AR*	US-5,715,367	02-03-1998	Gillick et al	
	AS*	US-5,752,021	05-12-1998	Nakatsuyama et al.	
	AT*	US-5,757,960	05-26-1998	Murdock et al	
	AU*	US-5,768,607	06-16-1998	Dreus et al	
	AV*	US-5,777,614	07-07-1998	Ando et al	
	AW*	US-5,787,198	07-28-1998	Agazzi et al	
	AX*	US-5,835,667	11-10-1998	Wactlar et al	
	AY*	US-5,862,259	01-19-1999	Bokser et al	
	AZ*	US-5,875,108	02-23-1999	Hoffberg et al	
	AA1*	US-5,963,940	10-05-1999	Liddy et al.	
	AB1*	US-5,970,473	10-19-1999	Gerszberg et al	
	AC1*	US-6,006,221	12-21-1999	Liddy et al.	
	AD1*	US-6,029,124	02-22-2000	Gillick et al	
	AE1*	US-6,029,195	02-22-2000	Herz, Frederick S.M.	
	AF1*	US-6,052,657	04-18-2000	Yamron et al	
	AG1*	US-6,064,963	05-16-2000	Gainsboro, Jay L.	
	AH1*	US-6,088,669	07-11-2000	Mayes	
	AI1*	US-6,112,172	08-29-2000	True et al	
	AJ1*	US-6,151,598	11-21-2000	Shaw et al.	
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	AM1*	US-6,332,139	12-18-2001	Kaneko et al	
	AN1*	US-6,373,985	04-16-2002	Hu et al	
	AO1*	US-6,381,640-B1	04-30-2002	Powers et al	
	AP1*	US-6,437,818-B1	08-20-2002	Lauwers et al	
	AQ1*	US-6,480,826	11-12-2002	Petrushin, Valery A.	
	AR1*	US-6,602,300-A1	08-05-2003	Ushioda et al.	
/AA/	AS1*	US-6,604,110	08-05-2003	Savage et al.	

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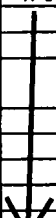
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	AV1*	US-6,847,961	01-25-2005	Silverbrook et al	
	AW1	US-6,922,691-A1	07-26-2005	Flank	
	AX1*	US-6,961,954	11-01-2005	Maybury et al.	
	AY1*	US-6,973,428-A1	12-06-2005	Boguraev et al.	
/AA/	AZ1	US-6,978,277-A1	12-20-2005	Reed et al.	

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/AA/	BA	EP-0664636	07-26-1995	IBM			
	BB	EP-0715298	06-09-2000	IBM			
	BC	EP-0935378	08-11-1999	IBM			
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	BH	WO-00/59223	10-05-2000	Tivo, Inc.			
	BI	WO-02/29612	04-11-2002	Intel Corporation			
	/AA/	BJ	WO-02/29614	04-11-2002	Intel Corporation		

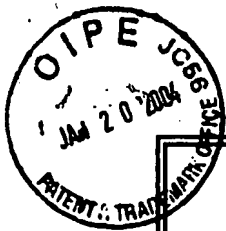
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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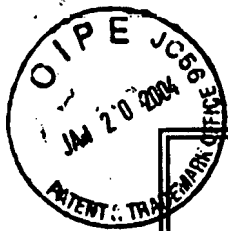
¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Abul Azad/	Date Considered	09/04/2007
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INFORMATION DISCLOSURE CITATION PTO-1449		ATTORNEY'S DKT No. 02-4031		APPLICATION No. 10/685,410		
		APPLICANT(S) Jayadev Billa et al.				
		FILING DATE October 16, 2003		GROUP Unassigned		
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
IAA	Amit Srivastava et al.: "Sentence Boundary Detection in Arabic Speech," <u>8th European Conference on Speech Communication and Technology</u> , September 1-4, 2003 in Geneva, Switzerland; 4 pages.					
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